

A decorative background pattern of a white hexagonal mesh on a dark grey background. The mesh is composed of interconnected lines forming a grid of hexagons, with some lines extending outwards from the grid edges.

**FLEXI-HEX<sup>®</sup>**

BOARDSPORTS PACKAGING

→ **LITE Sleeve data sheet**

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## LITE Sleeve

### Overview

Flexi-Hex LITE is a robust, cardboard sleeve made from an expandable honeycomb material. The innovative hexagonal cell structure not only provides incredible strength to protect boards in transit, it also creates a sleeve that is extremely flexible. In its natural state the sleeve is compact, however when fitted around a board, the sleeve expands open and takes on the form of the product within.

Due to the sleeves being open-ended, multiple sleeves can be cut to size and joined at the seam using paper tape, therefore creating a simple packaging solution that will protect boards of different lengths. It's quick and easy to use, saving both time and money compared to traditional packing methods and most importantly, it's 100% plastic-free.

The Lite sleeve is suitable for shortboards, kiteboards, wakeboards, skimboards and snowboards.

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### Details

- Designed for the safe transit of boards
- Made from over 85% recycled paper pulp and FSC Certified paper
- Plastic-free, recyclable, biodegradable and compostable
- Reduces packaging times from 15-20 minutes to under 6 minutes
- Easy to assemble and slot into the supply chain
- Designed to protect not only the rails, but also the deck, nose and tail
- Compact to store and lightweight for economical shipping
- Expands to 600mm wide
- 2 layers of 15mm paper honeycomb protection
- 3.6mm card protects board rails



## Product Information

### RANGE

Boardsports Packaging

### NAME

LITE

### SKU

N/A

## Product Description

A paper honeycomb sleeve that expands and forms around boards of all shapes and sizes, protecting both the nose and rails. Multiple sleeves can be joined by paper tape to create a packaging solution for products of all lengths.



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## Specification

### COMPLETE UNIT

### WEIGHT

### QTY PER BOX

### SLEEVE UNIT

32mm H x 1100mm L x 35mm W  
(15mm cell)

800g SU

20 pcs

### EXPANDED SLEEVE

Min 35mm - Max 600mm

### BOX SIZE

150mm H x 1125mm W x 200mm D

17kg

## Performance

### CRUSH TEST (SLEEVE)

Test follows procedure outlined DIN EN 23035, 09/1994  
At 23°C, 50% RH collapsing of the cells was on average 229kPa.  
At 40°C, 90% RH collapsing of the cells was on average 147kPa.

### SHOCK TEST

N/A

### DROP TEST

Dependant on product type, contact supplier for details.

## Material

Recycled cardboard (over 85% recycled paper content), 100% recyclable and biodegradable.

## Carrying Load

Dependant on product type, contact supplier for details.

**LITE**

